

REMARKS

Claims 5-9 are pending in this application. In the outstanding Office Action, claims 5-9 were indicated as allowed. Claim 5 has been amended by way of the present amendment. Reconsideration is respectfully requested.

Claim 5 has been amended to further clarify the invention. In particular, claim 5 has been amended to recite:

[A] recording apparatus for an optical disk drive, comprising:

a driver for controlling a rotation speed of the ~~an~~ optical disk drive;

a servo signal generation unit for generating a level of a focusing error signal, and a level of a tracking error signal during recording;

a microprocessor, comprising:

a detection mechanism for detecting ~~an error rate~~ of ~~demodulating a frequency of buffer under-run~~ occurrence;

a recording termination control mechanism for ceasing recording if an output of the detection mechanism or the servo signal generation unit exceeds a preset threshold value and the recording is underway; and

a recording speed adjustment mechanism for setting parameters with a lower rotation speed if the ~~output of the detection mechanism or the servo signal generation unit exceeds a preset threshold value and the recording is ceased by the recording termination control mechanism~~; and

a digital signal processor for converting the parameters with the lower rotation speed into a driving signal that instructs the driver to decrease the rotation speed of the optical disk drive.

In addition, claim 6 has been amended to provide proper antecedent basis. Support for the amendments is provided by the original specification, claims and figures. In particular, paragraph [0009] of the specification of the United States (US) Patent Application Publication for US 10/711,943 (i.e., US 20050122871) discloses:

[0009]If at least one of the level of the FE signal, the level of the TE signal, the wobble synchronization pattern loss, the error rate of demodulating the wobble signal and the frequency of the buffer under-run occurrence exceeds a preset threshold value, *the recording termination control mechanism will cease recording* based on the recording status at that time, and *the recording speed adjustment mechanism will set parameters for reducing the rotation speed* of the optical disk drive (emphasis added).

Thus, it is respectfully submitted that the amendments raise no questions of new matter. In addition, it is respectfully submitted that amended claim 5, and claims dependent thereon (i.e., 6-9), are now allowable at least for the same reasons as previously indicated for allowed claims 5-9.

Conclusion

In consideration of the above amendment and discussion, it is respectfully submitted that the application is in condition for allowance. If any fee is due because of underpayment, please charge our Deposit Account No. 22-0185, under Order No. 22171-00026-US1 from which the undersigned is authorized to draw.

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Respectfully submitted,

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